## JC04 Rec'd PCT/PTO 14 OCT 2005

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|  | ANSMITTAL LETTER TO   | ATTORNEY'S DOCKET NUMBER<br>05-626              |  |  |  |  |  |  |
|--|---|---|--|--|--|--|--|--|
| DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371   |   |   | U.S. APPLICATION, NO. (If known, see 37 CFR 1.5) |  |  |  |  |  |
|  | IONAL APPLICATION NO.   | INTERNATIONAL FILING DATE                       | PRIORITY DATE CLAIMED                            |  |  |  |  |  |
|  | 004/000231<br>NVENTION  | April 15, 2004                                  | April 15, 2003                                   |  |  |  |  |  |
| TITLE OF INVENTION POLYVINYL ALCOHOL GELS  |   |   |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US Rolf Müller et al.   |   |   |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:                                      |   |   |  |  |  |  |  |  |
| 1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.  |   |   |  |  |  |  |  |  |
| 2. 🔲 TI  | This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.   |   |  |  |  |  |  |  |
| 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |   |   |  |  |  |  |  |  |
| 4. The US has been elected (Article 31).   |   |   |  |  |  |  |  |  |
| 5.   | A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |   |  |  |  |  |  |  |
|  | a.  is attached hereto (required only if not communicated by the International Bureau).   |   |  |  |  |  |  |  |
|  | b.  has been communicated by the International Bureau.  |   |  |  |  |  |  |  |
|  | c. is not required, as the application was filed in the United States Receiving Office (RO/US).   |   |  |  |  |  |  |  |
| 6. 🗹   | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |   |  |  |  |  |  |  |
|  | a. is attached hereto.  |   |  |  |  |  |  |  |
| b. has been previously submitted under 35 U.S.C. 154(d)(4).  |   |   |  |  |  |  |  |  |
| 7.   | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  a. are attached hereto (required only if not communicated by the International Bureau). |   |  |  |  |  |  |  |
|  |   |   |  |  |  |  |  |  |
|  | b. have been communicated by the International Bureau.  |   |  |  |  |  |  |  |
|  | c. have not been made; however, the time limit for making such amendments has NOT expired.  |   |  |  |  |  |  |  |
|  | d. have not been made and will not be made.   |   |  |  |  |  |  |  |
| 8.   | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |   |  |  |  |  |  |  |
| 9. 🗹   | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |   |  |  |  |  |  |  |
| 10. 🗸  | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  |   |  |  |  |  |  |  |
| Items 11 to 20 below concern document(s) or information included:  |   |   |  |  |  |  |  |  |
| 11. 🗸  | An Information Disclosure Statement under 37 CFR 1.97 and 1.98.   |   |  |  |  |  |  |  |
|  | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |   |  |  |  |  |  |  |
| l  | A preliminary amendment.  |   |  |  |  |  |  |  |
| 14.  | An Application Data Sheet under 37 CFR 1.76.  |   |  |  |  |  |  |  |
| I  | A substitute specification.   |   |  |  |  |  |  |  |
| I —  | A power of attorney and/or change of address letter.  |   |  |  |  |  |  |  |
| 17.  | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.   |   |  |  |  |  |  |  |
| 18. 📙  | A second copy of the published International Application under 35 U.S.C. 154(d)(4).   |   |  |  |  |  |  |  |
| 19. 🔲  | A second copy of the English language   | ge translation of the international application | n under 35 U.S.C. 154(d)(4).                     |  |  |  |  |  |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CATIONANO (if known, see 37.CEP 45)

| U.S. APPLICATIONINO. (if known, see 37 CFR 185)   | INTERNATIONAL AP<br>PCT/CH2004/000                            |                                | ATTORNEY'S DOCKET NUMBER<br>05-626 |              |  |  |  |
|---|---|--------------------------------|------------------------------------|--------------|--|--|--|
| 20. Other items or information:   |   |                                |                                    |              |  |  |  |
|   |   |                                |                                    |              |  |  |  |
|   |   |                                |                                    | <b></b>      |  |  |  |
| The following fees have been submitted  |   | ****                           | CALCULATIONS                       | PTO USE ONLY |  |  |  |
| 21. Basic national fee (37 CFR 1.492(a))  |   | \$300<br>                      | \$ 300.00                          |              |  |  |  |
| 22. Examination fee (37 CFR 1.492(c))   |   |                                |                                    |              |  |  |  |
| If the written opinion prepared by ISA/US or the inter<br>by IPEA/US indicates all claims satisfy provi<br>All other situations         | <sup>\$</sup> 200.00  |                                |                                    |              |  |  |  |
| 23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the Internation IPEA/US indicates all claims satisfy provision |   |                                |                                    |              |  |  |  |
| Search fee (37 CFR 1.445(a)(2)) has been paid on t<br>International Searching Authority   | <sup>\$</sup> 500.00  |                                |                                    |              |  |  |  |
| International Search Report prepared by an ISA other  |   |                                |                                    |              |  |  |  |
| previously communicated to the US by the IE<br>All other situations   |   |                                |                                    |              |  |  |  |
| TOTAL OF 21, 22 and 23 =  | 1,000.00  |                                |                                    |              |  |  |  |
| Additional fee for specification and drawings file sequence listing in compliance with 37 CFR   | d in paper over 100 sheets (ex 1.821(c) or (e) or computer pr | cluding<br>ogram listing in an |                                    |              |  |  |  |
| electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets  |   |                                |                                    |              |  |  |  |
| Total Sheets Extra Sheets Number of each thereof (round   | RATE  |                                |                                    |              |  |  |  |
| - 100 = /50 =   |   | x \$250                        | \$                                 |              |  |  |  |
| Surcharge of \$130.00 for furnishing any of the search after the date of commencement of the national stage.                            | \$ 130.00   |                                |                                    |              |  |  |  |
| - CLAIMS NUMBER FILED   | ER FILED NUMBER EXTRA RATE                                    |                                | \$                                 |              |  |  |  |
| Total claims 30 - 20 =  | 10  | x \$ 50                        | \$ 500.00                          |              |  |  |  |
| Independent claims 1 - 3 =  |   | x \$200                        | \$                                 |              |  |  |  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   | \$  |                                |                                    |              |  |  |  |
|   | \$ 1,630.00   |                                |                                    |              |  |  |  |
| Applicant claims small entity status. See 37 CFF  |   |                                |                                    |              |  |  |  |
| Processing for of \$420.00 for furnishing the English   | \$ 1,630.00   |                                |                                    |              |  |  |  |
| Processing fee of \$130.00 for furnishing the English claimed priority date (37 CFR 1.492(i)).  | \$  |                                |                                    |              |  |  |  |
|   | \$ 1,630.00   |                                |                                    |              |  |  |  |
| Fee for recording the enclosed assignment (37 CFR by an appropriate cover sheet (37 CFR 3.28, 3.31).                                    | \$  |                                |                                    |              |  |  |  |
|   | \$ 1,630.00   |                                |                                    |              |  |  |  |
|   |   |                                | Amount to be refunded:             | \$           |  |  |  |
|   |   |                                | Amount to be charged               | \$           |  |  |  |

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A check in the amount of \$ 1,630.00 a. 🔽 to cover the above fees is enclosed. Please charge my Deposit Account No. 02-0184 in the amount of \$ \_ to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-0184 . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Gregory P. LaPointe BACHMAN & LaPOINTE, P.C. Gregory P. LaPointe 900 Chapel Street, Suite 1201 NAME New Haven, CT 06510 28.395 Tel.: (203) 777-6628 REGISTRATION NUMBER

I, Rachel Piscitelli, hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313" on

October 14, 2005.

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